

FIG.1

ALTERATION CHECKING APPARATUS

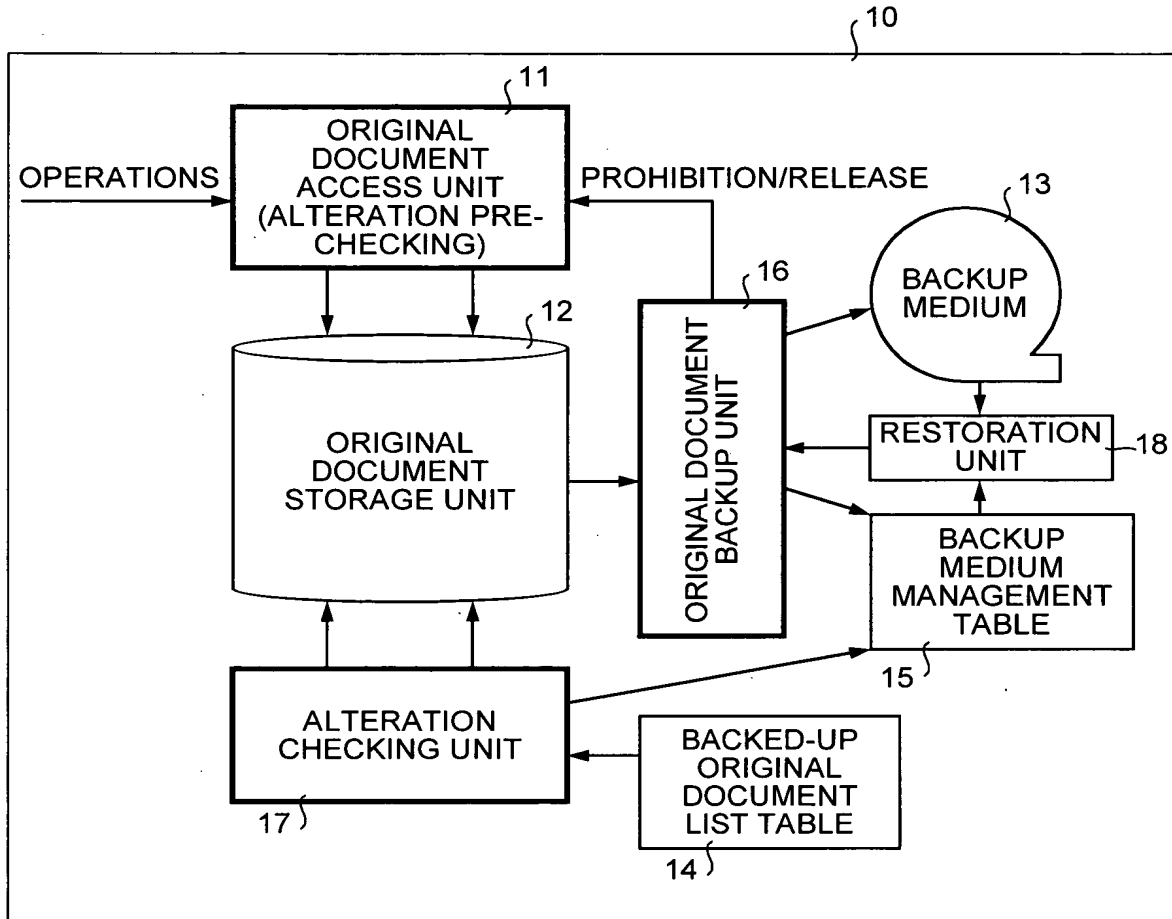


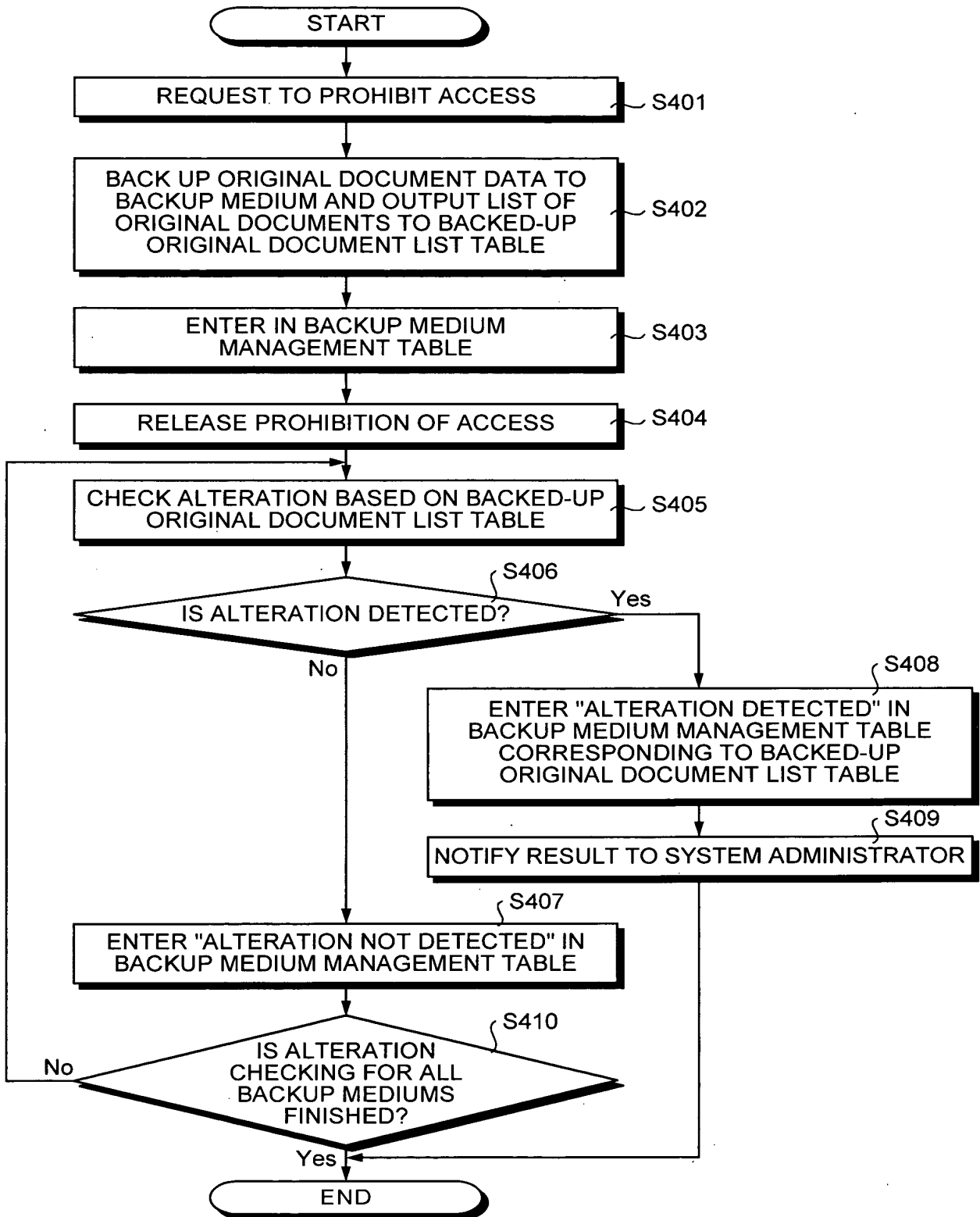
FIG.2

No.	CATEGORY	MEDIUM ID	SERIAL No.	FILE	PASS
45	DAILY	D20030203		DOCUMENT A (ONLY ALTERED PORTION IS SAVED) DOCUMENT B (ONLY ALTERED PORTION IS SAVED) DOCUMENT C (ONLY ALTERED PORTION IS SAVED)	x/y/z/a x/y/z/b x/y/z/c
46	MONTHLY	M200302	1	DOCUMENT A (ALL ENVIRONMENTS ARE SAVED) DOCUMENT B (ALL ENVIRONMENTS ARE SAVED) DOCUMENT C (ALL ENVIRONMENTS ARE SAVED)	x/y/z/a x/y/z/b x/y/z/c
47	MONTHLY	M200302	2	DOCUMENT A (ALL ENVIRONMENTS ARE SAVED) DOCUMENT B (ALL ENVIRONMENTS ARE SAVED) DOCUMENT C (ALL ENVIRONMENTS ARE SAVED)	x/y/z/a x/y/z/b x/y/z/c
48	MONTHLY	M200302	3	DOCUMENT A (ALL ENVIRONMENTS ARE SAVED) DOCUMENT B (ALL ENVIRONMENTS ARE SAVED) DOCUMENT C (ALL ENVIRONMENTS ARE SAVED)	x/y/z/a x/y/z/b x/y/z/c

FIG.3

No.	GENERATION	CATEGORY	MEDIUM ID	SERIAL No.	BACKED-UP DATE	ALTERATION CHECKED DATE	ALTERATION CHECKING STATUS
1	PREVIOUS TWO GENERATIONS	DAILY	D20021202		2002.12.02	2002.12.02	CHECKED:OK
2		MONTHLY	M200212	1	2002.12.02	2002.12.04	CHECKED:OK
3		MONTHLY	M200212	2	2002.12.02	2002.12.04	CHECKED:OK
4		MONTHLY	M200212	3	2002.12.02	2002.12.04	CHECKED:OK
5		DAILY	D20021203		2002.12.03	2002.12.03	CHECKED:OK
6		DAILY	D20021204		2002.12.04	2002.12.04	CHECKED:OK
7		DAILY	D20021205		2002.12.05	2002.12.05	CHECKED:OK
:		:	:	:	:	:	:
22	PREVIOUS GENERATION	DAILY	D20021227		2002.12.27	2002.12.27	CHECKED:OK
23		DAILY	D20030106		2003.01.06	2003.01.06	CHECKED:OK
24		MONTHLY	M200301	1	2003.01.06	2003.01.08	CHECKED:OK
25		MONTHLY	M200301	2	2003.01.06	2003.01.08	CHECKED:OK
26		MONTHLY	M200301	3	2003.01.06	2003.01.08	CHECKED:OK
27		DAILY	D20030107		2003.01.07	2003.01.07	CHECKED:OK
28		DAILY	D20030108		2003.01.08	2003.01.08	CHECKED:OK
29		DAILY	D20030109		2003.01.09	2003.01.09	CHECKED:OK
:		:	:	:	:	:	:
44	LATEST	DAILY	D20030131		2003.01.31	2003.01.31	CHECKED:OK
45		DAILY	D20030203		2003.02.03	2003.01.06	CHECKED:OK
46		MONTHLY	M200302	1	2003.02.03	----	NOT-YET-CHECKED
47		MONTHLY	M200302	2	2003.02.03	----	NOT-YET-CHECKED
48		MONTHLY	M200302	3	2003.02.03	----	NOT-YET-CHECKED
49		DAILY	D20030204		2003.02.04	2003.02.04	CHECKED:OK
50							
51							
52							
53							

FIG.4



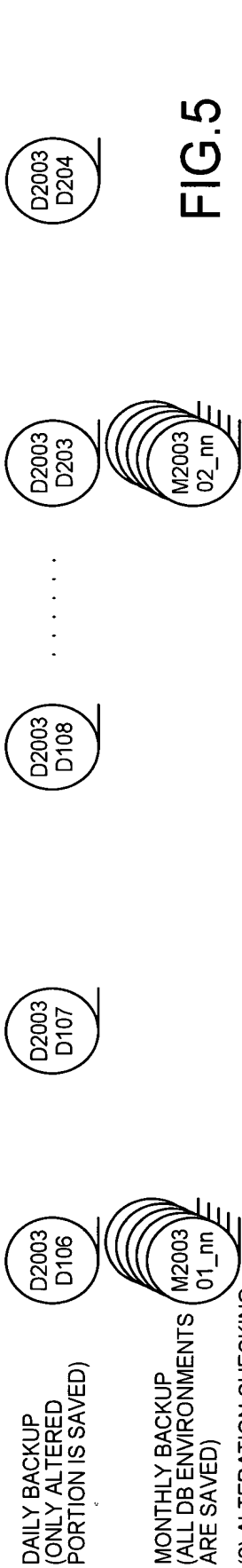


FIG. 5

(2) ALTERATION CHECKING

: ALTERATION IS CHECKED AS FOLLOWS FOR EACH BACKUP. AS MONTHLY BACKUP HAS LARGE AMOUNT, EXECUTION IS SCHEDULED FOR EVERY SEVERAL DAYS.

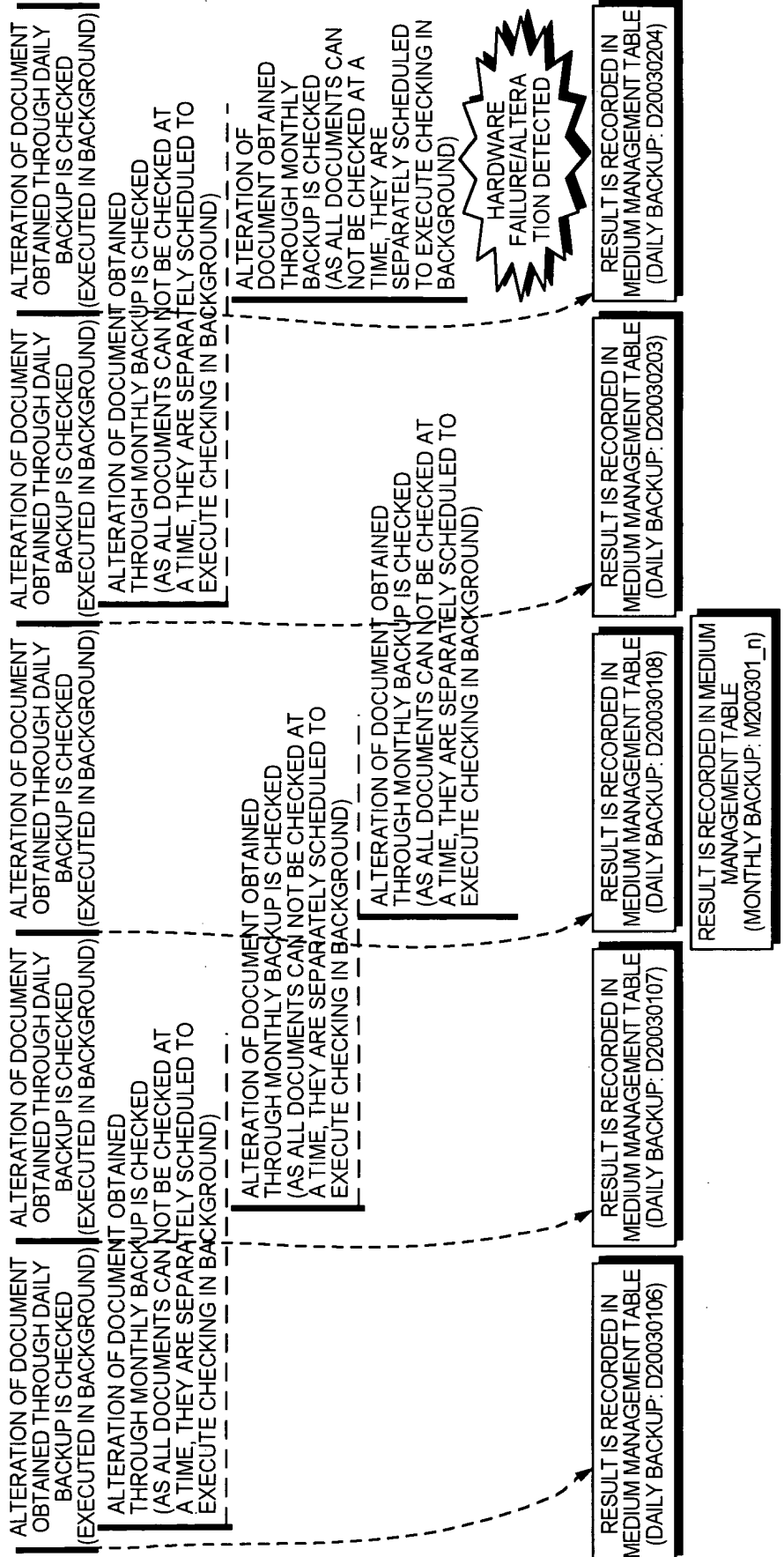


FIG.6

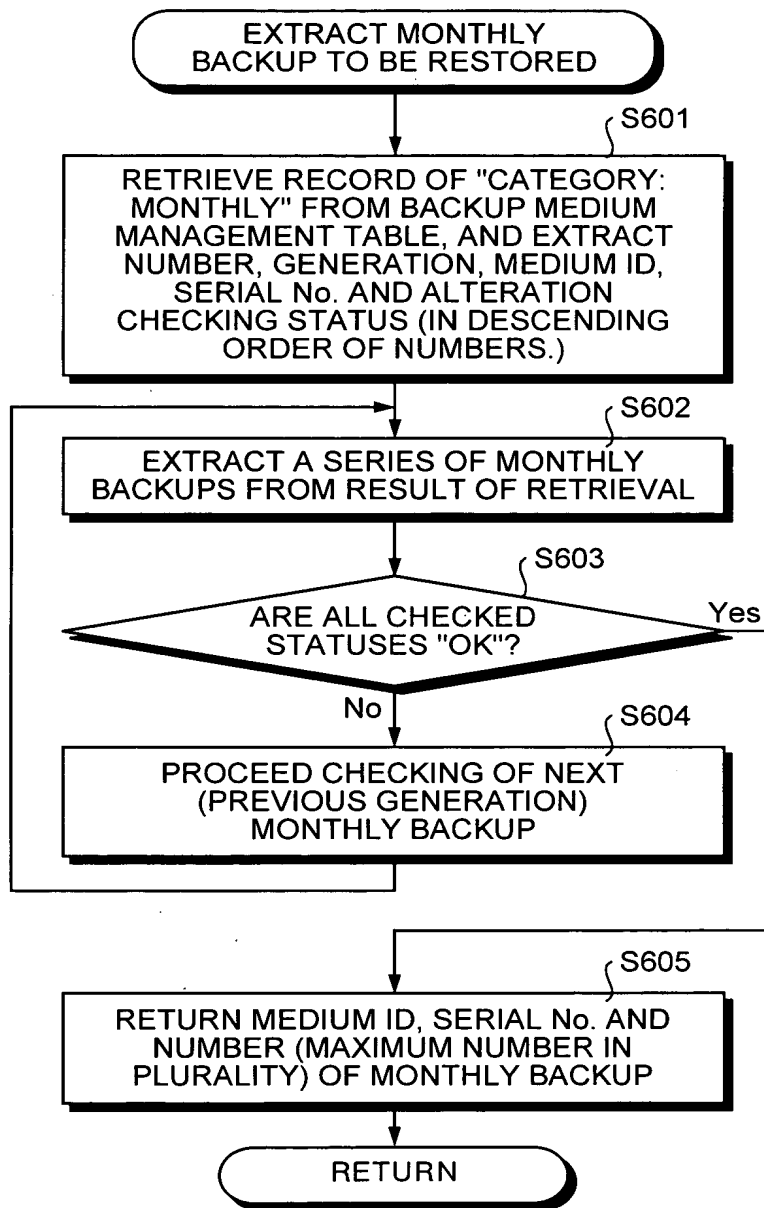


FIG.7

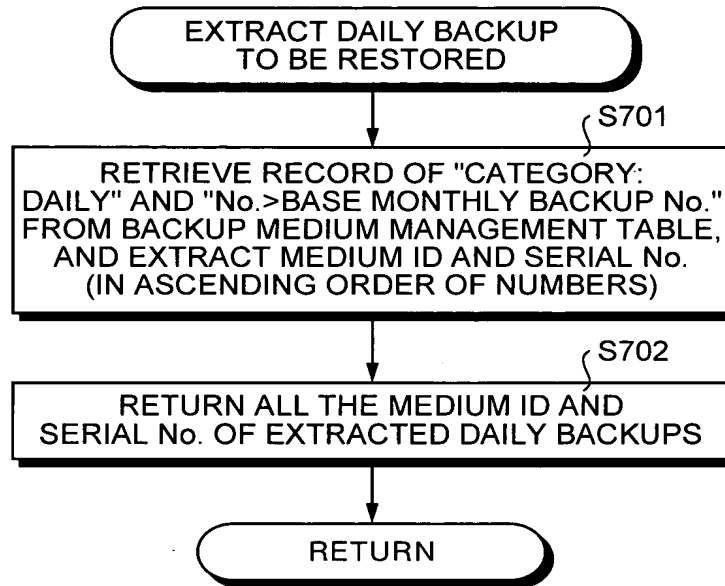


FIG.8

